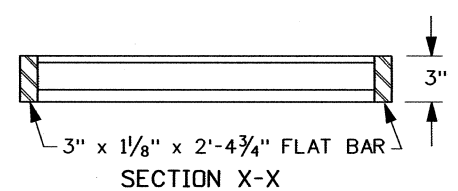
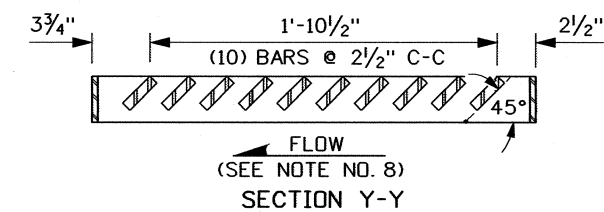


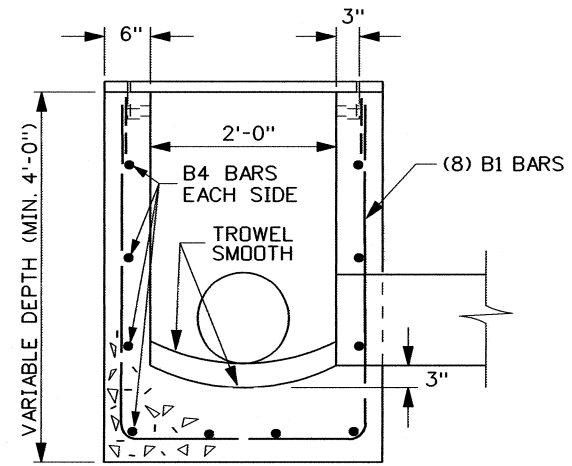
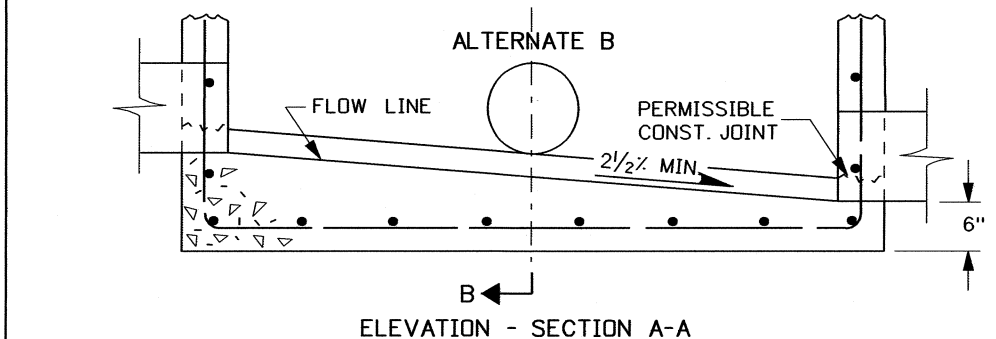
BAR LIST					
MARK	LOCATION	SIZE	BAR LENGTH	NO.	SKETCH
B1	VERT. IN WALLS & FLOOR (ADD LENGTH AS NEEDED)	4	VARIES	6	3'-8" MIN. 2'-7"
B2	VERT. IN WALLS & FLOOR (ADD LENGTH AS NEEDED)	4	VARIES	4	3'-8" MIN. 7'-1"
B3	WALLS (AS NEEDED)	4	7'-2"	*	7'-2"
B4	WALLS (AS NEEDED)	4	2'-8"	*	2'-8"
B5	WELDED TO: L's 3 1/2" x 3" x 3/8" IN SIDE WALLS	4	7"	6	12"
* (4) MIN., ADD BARS AS NEEDED					



GRATE DETAILS
(SEE NOTE NO. 9)

NOTES

1. INLET MEDIAN DRAIN MAY BE EITHER PRECAST OR CAST-IN-PLACE. PRECAST UNITS SHALL MEET THE REQUIREMENTS OF ASTM C478. PRIOR APPROVAL OF THE SHOP DRAWING WILL BE REQUIRED ON PRECAST UNITS.
2. A 1" SIDE DRAFT IS ALLOWED FOR FORM REMOVAL.
3. CAST-IN-PLACE INLET MEDIAN DRAINS SHALL CONFORM TO SECTION 609 - MINOR STRUCTURES OF THE CURRENT ITD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
4. THE GRADE LINE OF THE TOP INSIDE OF ANY PIPE SHALL ENTER AT A POINT NO LOWER THAN THE TOP INSIDE OF THE OUTLET PIPE.
5. PIPES CAN ENTER OR LEAVE THE BOX IN ANY DIRECTION. ALL CONNECTIONS AND BROKEN AREAS SHALL BE GROUTED SMOOTH.
6. STEEL ANGLES SHALL BE SET SO THAT EACH BEARING BAR OF PREFABRICATED GRATE SHALL HAVE FULL BEARING ON BOTH ENDS. THE FINISHED TOP OF CONCRETE SHALL BE EVEN WITH THE ANGLE/GRATE SURFACE. THE STRUCTURAL STEEL NEED NOT BE PAINTED BUT SHALL MEET THE REQUIREMENTS OF ASTM A36.
7. ALL METAL REINFORCEMENT SHALL BE NO. 4 BARS. METAL REINFORCEMENT SHALL BE SMOOTH CUT TO FIT AROUND PIPES. VERTICAL BARS NEED TO LENGTHENED TO ACCOMMODATE INLET DEPTH.
8. THE (10) FLAT BARS AT THE 45° ANGLE MUST BE POINTED DOWN AND IN THE DIRECTION OF THE FLOW.
9. GRAY IRON CAST TO THE DIMENSIONS GIVEN FOR THE STEEL GRATES MAY BE USED. THE CASTINGS SHALL CONFORM TO AASHTO M306 CLASS 35B GRAY IRON CASTINGS.
10. NOT TO SCALE.



INLET MEDIAN DRAIN - DETAILS

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	5-07	MSM					

SCALES SHOWN
ARE FOR 11" X 17"
PRINTS ONLY

CADD FILE NAME
e6g_0507.std

DRWG. ORIG. DATE:
DECEMBER, 2004

IDAHO
TRANSPORTATION
DEPARTMENT

BOISE IDAHO

Assistant Chief Engineer (Development)

Chief Engineer

STANDARD DRAWING

INLET MEDIAN DRAIN TYPE 9

English

STANDARD DRWG. NO.

E-6-G

SHEET 1 OF 1

